



**Stantec**

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October 29, 2008  
File: LV2008008

**Kentucky Office of the 911 Coordinator/CMRS Board**  
200 Mero Street  
Frankfort, KY 40622

**Attention: Mr. David Lucas**

Dear Mr. Lucas:

**Reference: CMRS Geospatial Audit**  
**Paducah-McCracken County Emergency Communications**  
**510 Clark Street**  
**Paducah, KY 42003**

The Geospatial Audit of Paducah-McCracken County Emergency Communications located in McCracken County was conducted on 9/30/2008. Paducah-McCracken County Emergency Communications provides wireless 9-1-1 service for McCracken County.

#### **PSAP MAPPING SUMMARY**

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by Paducah-McCracken County Emergency Communications meets this requirement.

#### **FIELD DATA TESTING**

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 85% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

#### **WIRELESS 9-1-1 FUNCTION**

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 100% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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**Reference: CMRS Geospatial Audit**

## CONCLUSION

Mapping Component	<b><u>Meets audit criteria</u></b>
Field Data Component	<b><u>Does not meet audit criteria with</u></b> 85% of points tested meeting criteria
Wireless Data Component	<b><u>Meets audit criteria with</u></b> 100% of calls tested meeting criteria

Based on the results of the audit, Paducah-McCracken County Emergency Communications does not meet the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

**Stantec Consulting Services Inc.**

James B. Morse  
GIS Project Manager  
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Attachment: Report Details

c. Files

j v:\1756\active\175658008\gis\merged summary letter.doc

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# PSAP Mapping Component Summary

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**PSAP Name**                      Paducah-McCracken County Emergency Communicat

**Address**                      510 Clark Street

**Audit Date**                      9/30/2008

**City**                      Paducah

**Audit Personnel**                      MCCORMICK

**Contact**                      Jamey L Spears

**Contact Title**                      Director

Software	Version	Vendor
LOOKING GLASS LG	1.2.154	GEOGRAPHIC TEC

## Mapping Layers Used

**Road Centerlines:**    ☒

**Point Addresses:**    ☒

**Ortho Photography:**    ☒

**Other Layers:**    ☒ **Type of 'other' layers used by PSAP:**

The map has 15 layers: Active E911 Calls, User Search, Incidents, User Events. Street Centerlines, Railroads, River, Building Footprint, Parcel Layer North, Parcel Layer South, Address Points, Paducah City Limits, County Boundary, PSAP Boundaries, Aerial Image

## Notes and Observations:

Observations and comments: (1) Parcel shown on the map with no address were verified by entering the addresses. If the address were not in the data base and not shown on the map the point failed.

The map was updated a couple of month ago - July 2008 - and there is no standard for frequency of updates. The data is obtained and supplied by the City GIS Department, the Communication Supervisor - Lew Legacy - installs the information into the system.

The data from the map and the wireless call were obtained by Lew Legacy